

NOTE:
MD 332 IS ASSUMED TO RUN
IN EAST-WEST DIRECTION.

PHASE 2+6	G	G	G	G	R	R	R	R	
2+6 CHANGE	Y	Y	Y	Y	R	R	R	R	
PHASE 4+8	R	R	R	R	G	G	G	G	
4+8 CHANGE	R	R	R	R	Y	Y	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 332 AND CHAMBER AVENUE/ LARCHMONT AVENUE IN PRINCE GEORGE'S COUNTY. MD 332 IS ASSUMED TO RUN IN A EAST WEST DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA (4) FOUR-PHASE FULLY-TRAFFIC-ACTUATED MODE WITH EASTBOUND AND WESTBOUND MARYLAND 332 APPROACHES OPERATING CONCURRENTLY. THE CHAMBER AVENUE/ LARCHMONT AVENUE APPROACHES WILL ALSO OPERATE CONCURRENTLY.

CONTROLLER REQUIREMENTS:

A FULLY - TRAFFIC - ACTUATED - EIGHT- PHASE TRAFFIC SIGNAL CONTROLLER IN A BASE - MOUNTED SYSTEM READY CABINET WITH TWO (2) FOUR - CHANNEL LOOP DETECTOR AMPLIFIERS, INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, AND ASSOCIATED HARNESSSES HOUSED IN A NEMA SIZE "6" BASE MOUNTED CABINET.

MAINTENANCE OF TRAFFIC

THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED FOR THE PROJECT

STANDARD NO. MD-105.00
STANDARD NO. MD-105.01
STANDARD NO. MD-105.02
STANDARD NO. MD-105.101 (FLAGGING OPERATION)
STANDARD NO. MD-105.103 (INTERSECTION FLAGGING OPERATION)
STANDARD NO. MD-105.105 (SHOULDER WORK)
STANDARD NO. MD-105.107 (LANE SHIFT)
STANDARD NO. MD-105.109 (LANE SHIFT)
NOTE: STANDARDS TO BE MODIFIED BY REPLACING W21-5 SIGN WITH A W29-1 SIGN (ROAD WORK AHEAD).

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT *3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

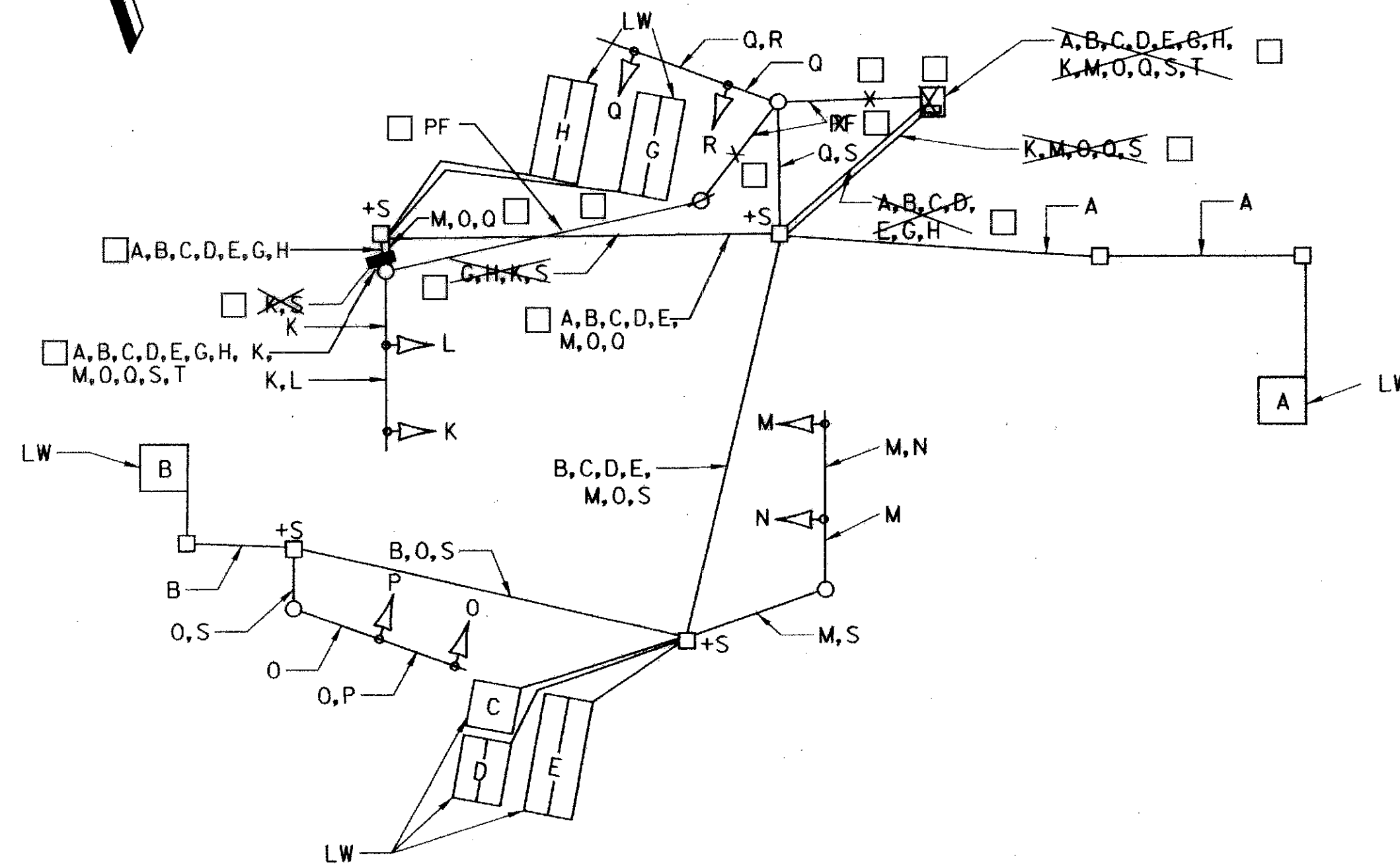
MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. JOE GECKLE
UTILITY ENGINEER
PHONE: (301) 513-7350

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:
POTOMAC ELECTRIC POWER COMPANY
MR. RON BEESON
8300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
PHONE: (301) 967-5325

WIRING DIAGRAM



WIRING KEY

A, B, C, D, E, G, H	2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)	S	STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
L, N, P, R	5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	T	3-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)
K, M, O, Q	7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	LW	LOOP WIRE (NO. 14 A.W.G.)
		PF	POWER FEED (NO. 4 A.W.G.)
		+	3/4 IN. x 10 FT. GROUND ROD

SS-2

RK & K
RUMMEL, KLEPPER
& KAHL, LLP
CONSULTING ENGINEERS

81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER TRAFFIC
	CHEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 03014600.85	
DRAWN BY: SMH DES. BY: SMH CHK. BY: BJH	MD 332 (CENTRAL AVENUE) AT CHAMBER AVENUE/LARCHMONT AVENUE SIGNAL PLAN COUNTY: PRINCE GEORGE'S
DATE: JANUARY, 1999 SCALE: N/A	F.A.P. NO. SEE TITLE SHEET S.H.A. NO. PG321B21
TS/STD. NO.: 1838B-GI1	SHEET NO. OF X